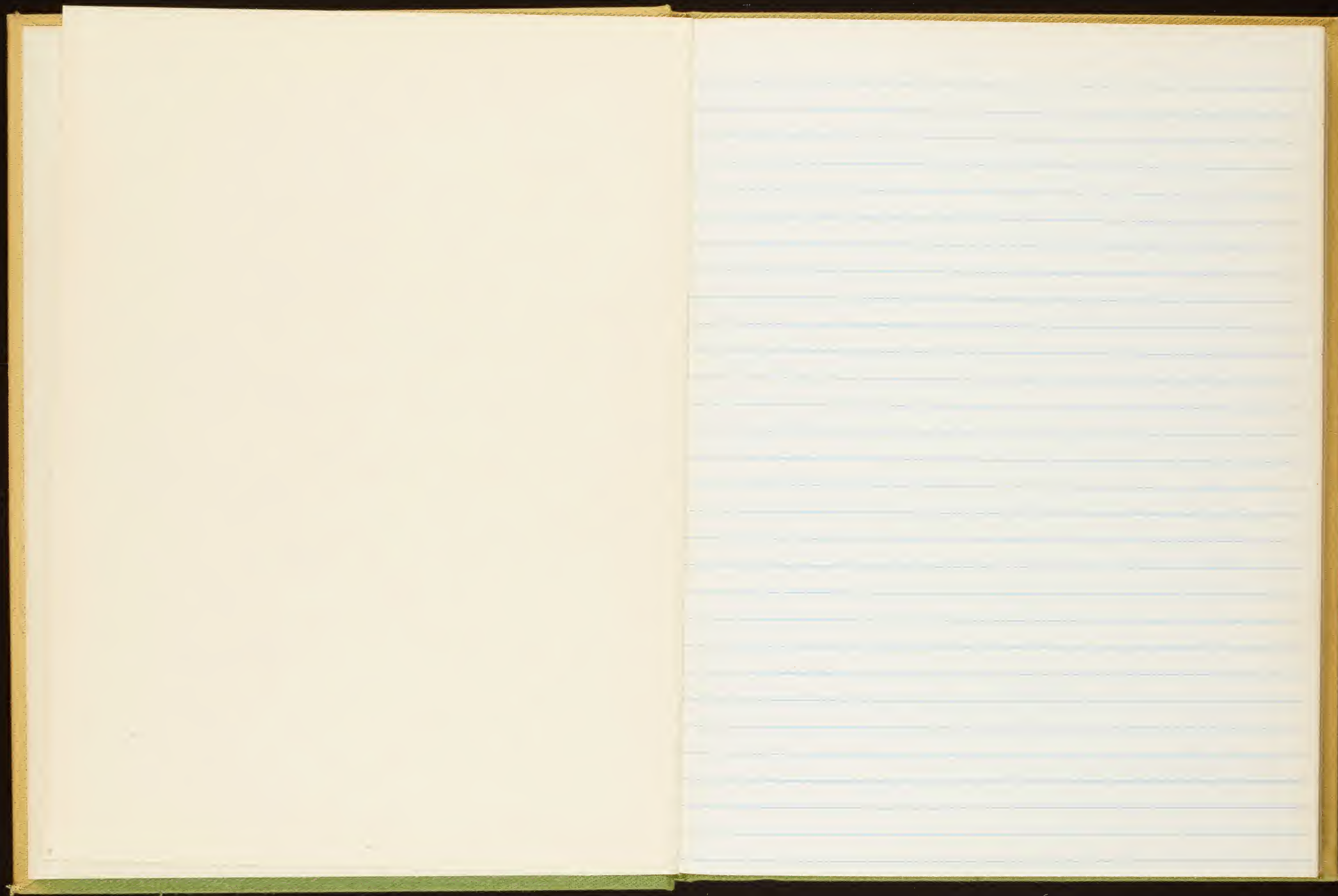


RECORD

7530-222-3525
FEDERAL SUPPLY SERVICE

(GPO)



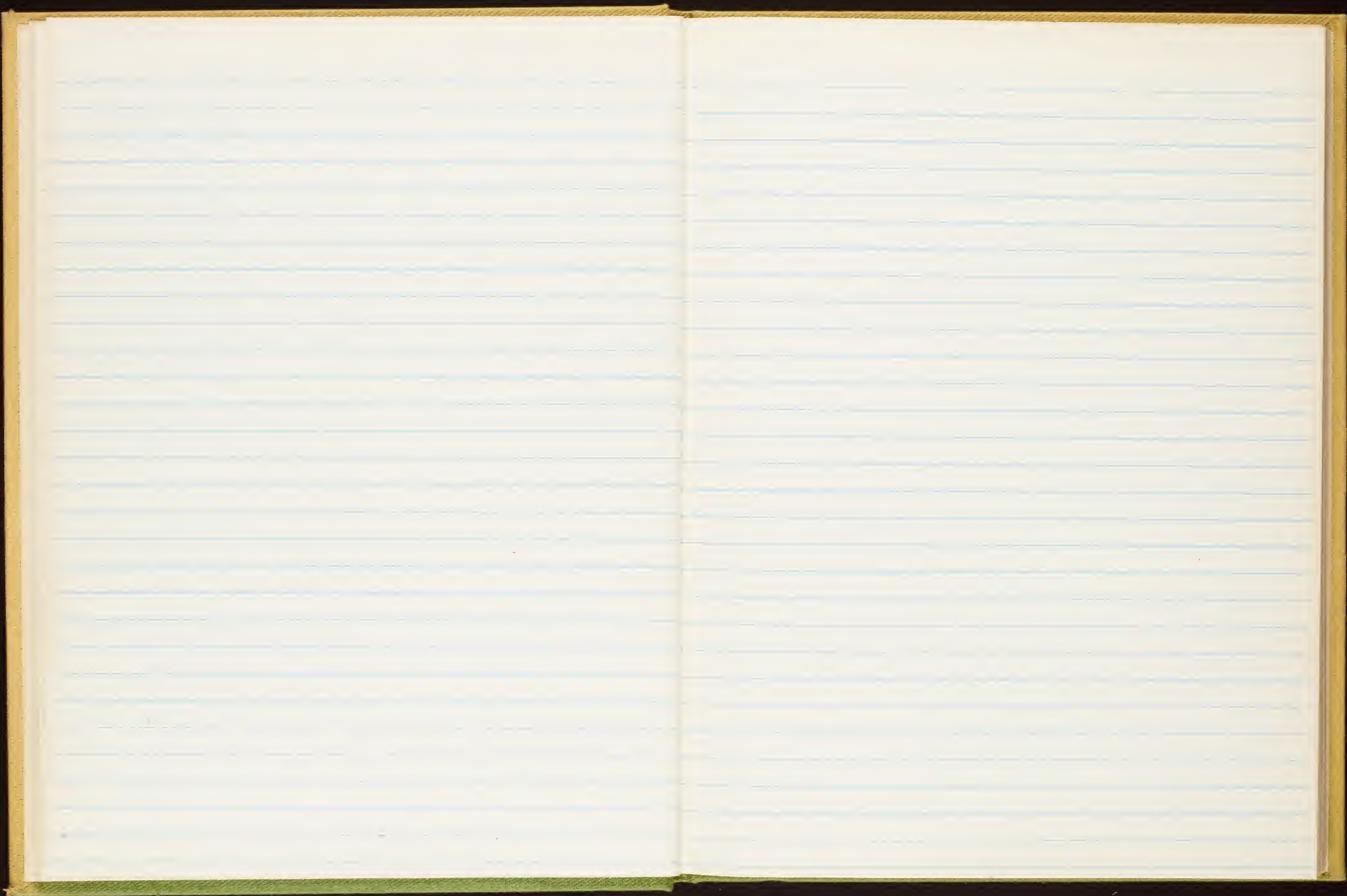


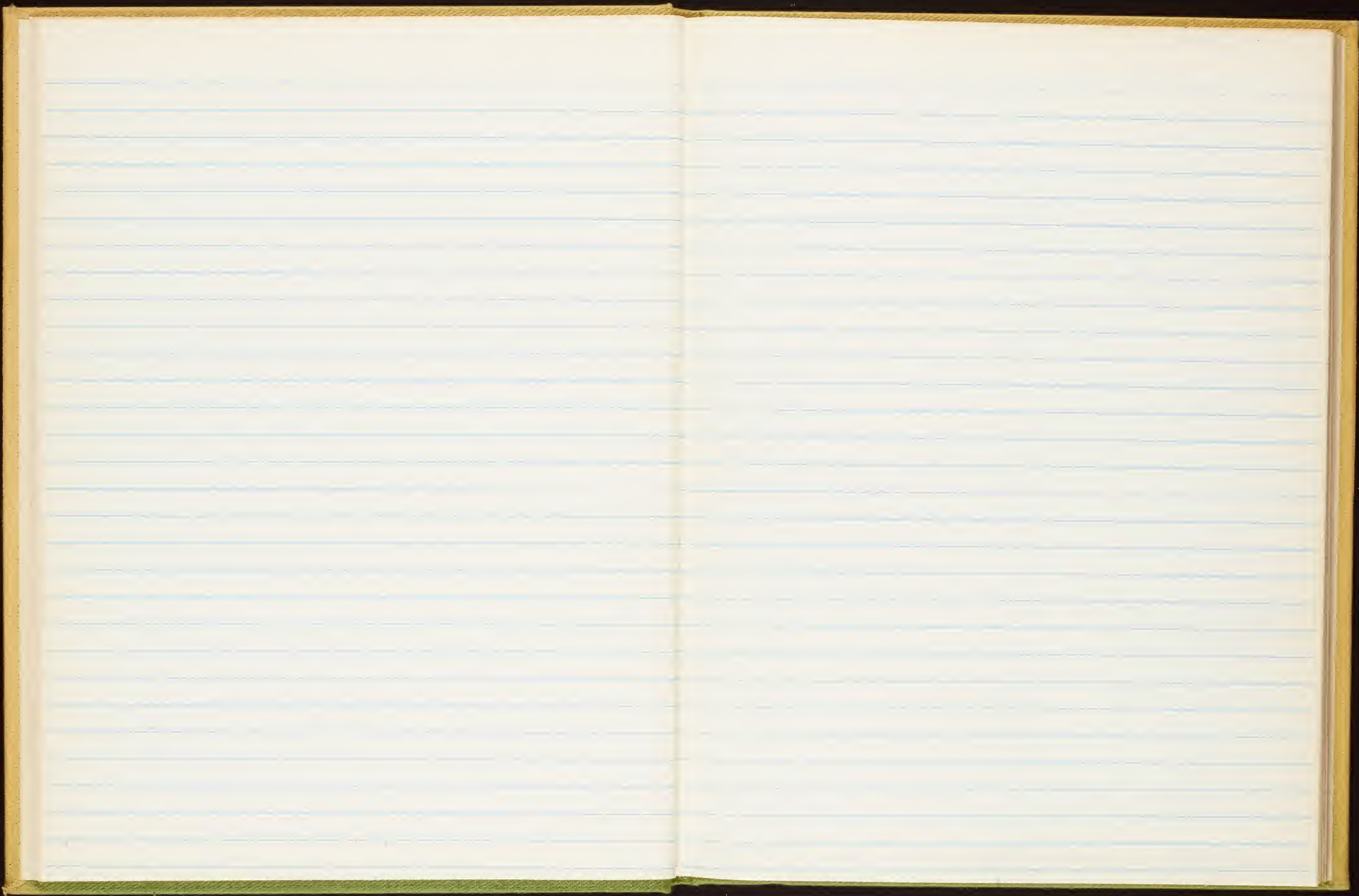
Date	Time	Lat	Long	Miles from land	# birds	Size of flock	Other species	Sooty Tern Remarks
5 Sept					None			
6 Sept.					None			
7 Sept.	1440				9			OW 200-300'
"	1449				2			→ NE 40'
"	1520				25	69	Wedge-tail Pink-foot Shear Booby, Petrel Bulwer's Petrel Wh. T. Petrel Frigatebird Dark-rumped	Feeding at flying fish Collected 1 tern Plus others
"	1530				200±25	257±25		
"	1848				1			NE 100'
Totals					237±			
8 Sept	1417				30±	35	5 Shearwaters	→ S 30-35'
9 Sept	1058				1			NE 20'
10 Sept	1017				4			SE 10-20'
"	1719				11			SW 35-50
"	1735				17±5			SW 15-40
"	1737				22			SW 15-40
"	1742				25±5			SW
"	1746				35±5			SW
"	1756				20±5			SW
"	1802				35±5			SW 20-30'
"	1804				4±1			SW
"	1806				20±			SW
"	1819				12			SW 30-40'
"	1844				8±1			SW 20-30'
Totals					214±17			
11 Sept	1410				14			NW
	1615				1			
	1635				15±	35	Dark Rumped Puffin Wedge-tail	Collected 4-3 Wedge-tails
Totals					30±	35		

Date	Time	Lat	Long	Miles from land	# birds	Size of flock	Other Species	Sooty terns Remarks
12 Sept	0510				2+			
13 Sept	0937				15+	172	Bulwer's Petrel Wedge-tail Dark-rumped Petrel Booby Petrel	feeding squid
"	1220				35±5	42±5	Wedge-tails	
Totals					52±5			
14 Sept	0540				1			IVE 100'
	0601				1			NE → SW 30'
	0700				6			E high
	1006				2			→ S 40'
	1011				3			→ W
	1011				1			→ S
	1807				2			SSW
Totals					16			
15 Sept	0705				5	30	wedgetail	feeding fish
"	9 1125				160+		The following were either the birds in the fringe of a widely spread flock or part of a close flock that was breaking up. 1 Sooty shearwater 50+ Sooty terns 25±5 Wedge-tails (squid in water) 2 Dark-rumped Petrel 2 Bulwer's Petrel	
"					7			
"					7			
"	1600				175	231	Wedge-tail Dark-rumped Petrel RT Inapre	Feeding
"	1804				7			NE 100'
	1844				7			SSW
Totals					291			
16 Sept	0542				1			Calling
	0645				3			NE 60'
	0700				2			SE →
	1217				4			
					10			
17 Sept	603				1			S 40'
"	614				1			E → 60'
	618				2			2 → E 45'

Date	Time	Lat	Long	Miles from land	# birds	Size of flock	Other Species	Sooty tern Remarks
17 Sept	0638				7			→E Low
	0650				20	62	40 Shearwater 2 Frigates	
	0804				4			→N 30'
	0826				25±			see
	1000				30±5	38±5	Boobies Frigates	ESE 0-75' feeding
Totals					90			
18 Sept	1045				6	50±	wedge tail Frigate	
	1330				50±10	82±	Bonin Petrel 1 Masked booby, 1 Frigate 10 wedge tails, 20 Bonin Pet.	
Totals					56			
19 Sept	1237				2	25±	22±2 Wedge tails, 1 fairy tern feeding, 1 fish observed	
	1545				20±	62	25±10 Wedge tail, 5 booby 2 Park rumped + 10 birds feeding	
Totals -					22			
20 Sept					None			
1 October					None			
2 Oct	0744				2	24	5 nosey terns, 13 wedge tails 2 Bonin Petrels	
"	0910				2	63	50 wedge tails, 10 Bonin Petrels, 1 white-necked Petrel, feeding during rain squall	
"	1000				2	73	65 Wedge tail, 3 Bonin Petrel 3 Frn Boobies, Pool of Blood in water, feed at the edge of a rain squall	
	1607				2	8	2 Lg 1 Petrels, 4 Wedge tails	
Totals					8			
3 October	0610				1			
	1742				1			NW
Totals					2			
4 Oct	1045				2	26	2 Wedge tails, 1 white Neck Petrel 15± Bonin Petrel, 4 Pterodroma 1 RT Tropicbird, 1 Park Phase Shearwater, Feeding on flying fish	
	1315				4	6	1 fairy tern, 1 Pterodroma	

Date	Time	Lat.	Long	miles from land	# birds	Size of flock	Other Species	Sooty terns Remarks
5 Nov	1610				72	103	34 White-necked Petrels 1 Dark-rumped Petrel 1 Kernadec Petrel 1 Manx Shearwater 38 Bonin Petrels shearwater, 20 pterodroma feeding, No flying fish	
6 Nov					None			
7 Nov	0800				5	23	10 White-necked Petrel, 5 Bonin Petrel, 2 Kernadec Petrel (Dark Phase) 1 Wedgetail (Dark Phase) feeding on flying fish	
8 Nov	0853				5	17	21 Wedgetail, Bonin Petrel, 3 White-neck Petrel, 5 Pterodroma, 1 Pink footed shearwater, possibly feeding on flying fish	
11	1506				40	41	1 Shearwater	
Totals					45			
9 Nov					None		Phaethon Wedgetail same time	NE all over same time
10 Nov	1051				1			
	1315				9	33	10 Wedgetail, 1 Dark-rumped Petrel, 1 Bonin Petrel, 11 Pterodroma, 1 Shearwater, Not feeding, Not feeding, possibly remaining at feeding fish	
Totals					10			
11 Nov					None			
12 Nov					None			
13 Nov					None			
14 Nov					None			
15 Nov	1118				1			5
	1530				16	23	feeding white terns, 2 Red-footed Booby, 3 Pterodroma	





Date	Time	Lat	Long	Miles from Land	# birds	Size of flock	Other Species	Sooty Terns Remarks
3 Jan					None			
4 Jan	0622				2			following and calling
	0734				1			N 5-10'
	1528				4			ENE
Totals					7			
5 Jan	1435				7	11	1 frigate, 2 wedgetails, 21 Hornbills	
6 Jan	1225				9	13	Storm Petrel, Noddies (Brown and White), 3 Wedge tails, 1 Fairy etc.	
	1236				1	4	Squid in water, Feeding. 2 Wedge tail, 1 Fairy, feeding on squid.	
Totals					10			
7 Jan					None			
8 Jan	0543				1			Heard Calling
9 Jan	0545				1			NE Calling
10 Jan					None			
11 Jan					None			
12 Jan					None			
13 Jan					None			
14 Jan					None			
15 Jan	0658				1			S 50-150'
16 Jan					None			
17 Jan	1329				50+		8 Fairy, 2 actively feeding on Rain Squall	
	1400				20+		1 Masked Booby, 1 Fairy, Feeding in 200' or 2 Wedgetails, Rain Squall.	
Totals					73+			
18 Jan	0800				85±		1 Fairy, 1 frigate	feeding, No flying fish.
	0835				3			S
	0835				26±			feeding
	0841				1			S
	1007				2			N
	1033				15±			
	1630				25±			feedings
Totals					157			

Date	Time	Lat	Long	Distance from land	# birds	Size of flock	Other Species	Sooty terns Remarks
Feb 3	1653				2			NW 60'
"	1703				1			NW 30'
"	1728				3			NE 60'
"	1811				7			5-40' Not feeding
Totals					13			
4 Feb	0641				1			SE 5-10'
"	0725				1			NNE 5-15'
"	0817				1			S 10-20'
"	0822				12			SE 5-25'
"	0825				1			W 5-10'
"	0825				2			NW 20-50'
"	0836				2			SE 10-20'
"	0859				1			S 20-30'
"	0907				1		1 Fairy	SW feeding
"	0915				1			SE 30'
"	0917				11			SE 10-30'
"	0922				2		1 Fairy	SE Not feeding
"	1016				2			NW 20'
"	1052				9			NE 80' feeding
"	1100				63±			ENE flying towards rain squall.
"	1107				1			ENE 10-30'
"	1108				1			ENE 10-30'
"	1235				11			feeding
"	1452				3			SE feeding 10-100'
"	1516				1			NE
"	1554				1			NE 80-100'
"	1708				1			
					129			

Date	Time	Lat	Long	miles from land	# birds	Size of flocks	Other species	Sooty terns Remarks
5 Feb					None			
6 Feb	1550				100+	151±	50± Red-footed booby, 1/2 Masked Booby, few frigate	
7 Feb	0708				7			Feeding S 100"
8 Feb					None			
9 Feb					None			
10 Feb					None			
11 Feb					None			
12 Feb	6459				4			E + SE 0-30'
	1632				2			Toward Johnson
	1634				6			Toward Johnson
	1645				2			
	1720				3			Toward Johnson
	1723				1			" "
	1726				11+			" "
	1731				4			" "
	1732				1			Toward Johnson
	1735				7			" "
	1737				39±			" "
	1739				3			" "
	1740				4			" "
	1741				31			" "
	1746				12			" "
	1747				2			" "
	1750				6+			" "
	1755				50+			" "
					25			" "
					24			" "
	1815				100+			" "
	1820				25			" "
Totals					369			

Date	time	lat	Long	Miles from Landing	# birds	Size of flocks	Other species	Sooty terns Terns
13 Feb					None			
14 Feb					None			
15 Feb	1740				12			S 1900
16 Feb	1257				1			NW 150 Yds
	1700				34		1 Booby	NW 75-100 yds
Totals					35			
17 Feb					4			SE
"	1555				22			NW 25-100'
"	1557				14			Joined 1555 birds
"	1609				3			SW
"	1613				2			SE
Totals					45			
18 Feb	0654				1			ESE 50'
"	0730				1			SE 2-5'
"	0731				1			SE 11'
"	0736				1			SW 10-20'
"	0737				3			
"	0739				1			Collected SW 20'
"	0755				2			SW 10-20'
"	0758				3			SSW 10-20'
"	0800				8			S
"	0810				1			SE 10'
"	0815				5			SSW 10'
"	0829				80 ± 15			O Low feeding
"	0830				1			SE 15'
"	0848				1			SW 15'
"	0848				1			SE 15'
"	0900				6			SE 15-30'
"	0900				1			SW 15-30'

Date	Time	Lat	Long	Miles from land	# birds	Size of flock	Other Spec	Sooty terns
								Remarks
5 Feb	0705				2			SE
"	0710				2			SW
"	0720				2			NE Low
"	0725				2			NE Low
"	0730				1			SE 30'
"	0735				1			SE 30'
"	0740				3			S 30'
"	0745				2			SE 30-40'
"	0750				1			SE 30-40'
"	0755				1			SE 20-30'
"	0800				2			SE 30-40'
1 Feb	1135				1			NE 5-10
"	1142				3			
"	1145-1200				50		15-20 ft high	15-20 ft high
"	1200				1			SE 30-40'
"	1205				1			NE 30-40'
"	1210				2			SE
"	1215				1			SW
"	1220				1			SE
"	1225				3			
"	1230				1			SW
"	1235				1			SE
"	1240				1			
"	1245				1			SE
"	1250				1			SW
"	1255				1			SW 30-40'
"	1300				1			SW 30-40'
"	1305				1			SW 30'
"	1310				1			SE 30-40'
8 Feb	1315				2			SE 30-40'
14 Feb					304		15-20 ft high	SE 30-40'

Date	Time	Lat	Long	#	Size	other	Remarks
3 March	0820			55	500		SE feeding
	0830			1			NE 75
	0845			3			NE 20-30
	0910			12			E 200
	0920			2			NE 50
	0930			3			NE 50
	0940			1			NE 40
	0950			1			NE 30
	1000			1			NE 30
	1001			5			NE 30-40, 100-150
	1011			1			NE 30
	1020			32			Feeding
	1030			1			NE 20
	1040			3	10	340-400	NE 20-30
	1050						SE 30-80
Total				241			
4 March	0653			1			NNE 50
	0710			1			SE 10-20
	0718			13	16	Feeding	S 5-30
	0727			11		Feeding	S 50
	0730			1025		Feeding	Feeding
	0747			1			
	0820			3			SE
	0831			2			NE 5-10
Total				72+5			
4 March	0640			2			N Low
	0642			1			N 10
	0720			3			S 30
	0725			2			PJ 5-10

Date	Time	Lat	Long	Notes from Land	# birds	Size (ft)	Other species	Sooty terns	Remarks
5 March	0707				1				N 5-10
"	0712				2				NW 10-30
"	0715				1				N 5-10
"	0722				1				N
"	0730				1				SE 30-70
"	0740				3				S 50-75
"	0742				1				S 5-20
"	0747				5				N 5-10
"	0749				2				N 5-50
"	0752				6				N 5-50
"	0757	1			6				N
"	0800	1			2				N
"	0808	1			7				N 40-100
"	0817				3				N
"	0820				1				N
5 March	0820				5				N
"	0823				2				NW 10-15
"	0828				1				S
"	0836				1				S 5-10
"	0841				3				ENE 10-30
"	0843				1				S 5-10
"	0846				2				E
"	0847				2	3	15, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250, 260, 270, 280, 290, 300, 310, 320, 330, 340, 350, 360, 370, 380, 390, 400, 410, 420, 430, 440, 450, 460, 470, 480, 490, 500, 510, 520, 530, 540, 550, 560, 570, 580, 590, 600, 610, 620, 630, 640, 650, 660, 670, 680, 690, 700, 710, 720, 730, 740, 750, 760, 770, 780, 790, 800, 810, 820, 830, 840, 850, 860, 870, 880, 890, 900, 910, 920, 930, 940, 950, 960, 970, 980, 990, 1000		NNE 20-30
"	0848				3				NE 5-15
"	0849				1				N 5-20
"	0848	1			14				N 5-30
"	0849				2				N
"	0852				3				N
"	0852				2				N

Date	Time	Lat	Long	Notes	# Birds	Size of flock	Other species	Remarks
5 Mar 1	0915				2			N 5-50'
"	0911				3			"
"	0933				6			N 200
"	0933				3			N 50
"	0933				1			N 50
"	0935				1			NW 50
"	0938							NE 200
"	0940				1			NW 5-50'
"	0942				7			N 500
"	0945				1			S
"	0947				2			N 500
"	0948				1			"
"	0952				1			NW 50
5 Mar 1	0952				2			N 5-50'
"	0958				1			NW 50
"	0958				2			S 500
"	0959				3			SW
"	1000				3			E
"	1002				1			NW 5-50'
"	1003				2			SW 100
"	1008				2			SW 500
"	1008				3			N "
"	1008				1			S "
"	1009				1			SW "
"	1012				2			N "
"	1014				3			W "
"	1015				2			S "
"	1018				2			E "
"	1020				1			N "

Date	Loc	Notes	#	Size of pit	Other	Remarks
5 Mar	1026		1			NE 1
"	1028		2			S "
"	1030		1			NE "
"	1030		3			SW "
"	1034		2			SW 50
"	1035		1			E 75'
"	1037		2			E 50'
"	1040		2			SW 50
"	1042		1			SE 30-40'
"	1043		2			SE 50
"	1045		2			SW 1
"	1047		2			E
"	1053		1			SE
"	1054		1			E
5 Mar	1101-1109		50±	58		framing 1101-1109
"	1110-1118		10±			6-1101-1118
"	1125		8			5-50'
"	1136		3			70
"	1130		8			
"	1131		2			SE
"	1137		2			SE 30'
"	1138		1			SE 50
"	1139		2			SW 250
"	1139		1			SW 50'
"	1140		5			SW
"	1141		1			SW 100'
"	1143		1			100'
"	1144		1			with tree
"	1145		1			NE 50'

Date	Time	Lat	Long	Miles from land	# birds	Size of flock	other species	Sooty terns Remarks
5 March	1159				2			
"	1200				1			
"	1200				5			NW
"	1201				1			NW
"	1204				1			NW
"	1211				2			SE 100'
"	1212				2			NE
"	1214				1			SW 10'
"	1216				4			SSW 5-46'
"	1219				4			NE 50'
"	1227				3			SW low
"	1230				10			NE low
"	1231				3			
"	1233				1			NE
"	1240				3			SW
"	1243				2			NW 50'
"	1247				2			N
"	1248				2			ENE 50'
5 March	1253				2			N 20'
"	1300				1			N 20'
"	1303				1			N 20'
"	1305				1			N 5'
"	1307				20		1 Red-footed	NE feeding 35' whale under flock
"	1310				1			SE low
"	1315				3			SW low
"	1316				1			NE 20'
"	1318				3			S
"	1322				2			NW 50'
"	1325				7			

Date	time	Lat	Long	Miles from land	# birds	Size of flock	other species	Sooty terns
								Remarks
5 March	1341				4			NE 50'
"	1344				4			N
"	1348				2			NE 20'
"	1353				1			NE 20
"	1356				2			NE
"	1358				4			NE 50 75'
"	1400				3			Red to go
"	1401				4			
"	1402				2			N 30'
"	1415				3			SE 10-15'
"	1416				1		2 Masked Booby	10-25'
"	1420				8			NW
"	1421				7			NW
"	1424				4			NNW
"	1427				4			NNW
"	1427				7			NW
"	1428				1			NW
"	1430				3			NW
5 March	1431				3			NW
"	1431				2			NW
"	1432				4			NW
"	1433				3			E
"	1434				7		2 Red footed booby	E
"	1436				2			SE
"	1439				2			E
"	1437				1			N
"	1440				22			NW
"	1442				6			NW
"	1445				2			NW

Date	time	Lat	Long	Miles from Land	# birds	size of flock	Other species	Sooty terns Remarks
5 March	1448				2			NW
	1452				5			SE
"	1454				2			NW
"	1455				2			NW
"	1458				2			S
"	1501				1			NW
"	1508				1			NW 35'
"	1510-1523				65±	68±	1 tern collected, 2 Red-footed Booby, 1 wedge-tail feeding	
"	1527				2			NW
"	1530				2			NW
"	1531				1			"
"	1554				1			"
5 March	1556				4			"
"	1616				1			W 50'
"	1619				3			NNW 50-75'
"	1626				1			N Low
"	1653				1			NW 30'
"	1712				2			N
"	1722				2			E
"	1732				1			W 60'
Totals					617 [±]			
6 March	1145				5			N 0-40'
7 March	1509				5			→ NE 5-75'
8 March	1054				1			N 10-60'
	1103				1			NE 10-70'
	2150							
	2214				ca 10±			?
	2245				ca 10±			?
Totals					22 [±]			

Date	time	Lat	Long	Miles from land	# birds	Size of flock	other species	Sooty terns
9 March	1420				11			Remarks Not feeding S 10-2000
10 March					None			
11 March	0736				1			SW
"	0745				2			S
"	0750				1			S
"	0751				2			E low
"	0753				3			SE low
"	0800				2			S low
"	0801				1			S low
"	0802				2			S low
"	0806				2			SE "
"	0807				1			" "
"	0807				2			SE low
"	0807				2			SE "
11 March	0808				2			SE "
"	0808				2			E "
"	0809				3			ENE "
"	0810				3			ENE low
"	0811				2			SE "
"	0812				1			S "
"	0814				3			SE "
"	0817				4			E low
"	0819				2			" "
"	0821				1			" "
"	0822				2			" "
"	0824				1			" "
"	0825				1			" "
"	0826				3			SE "
"	0826				8			" "

Date	time	Lat	Long	Miles from Land	# birds	Size of flock	Other Species	Remarks
11 March	0828				1			S low
"	0829				3			S "
"	0830				6			SE "
"	0832				3			S "
"	0832				1			SE "
"	0833				2			SE "
"	0835				2			S low
"	0836				1			SW "
"	0837				1			NE low
"	0837				1			"
"	0838				1			"
"	0838				1			"
"	0840	Texas NW	to Johnson	Numerous to handle accurately 9 total				
"	1600				2			low
11 March	1601				4			low
"	1601				1			low
"	1602				2			low
"	1602				4			"
"	1603				5			low
"	1604				1			"
"	1605				4			low
"	1606				3			"
"	1606				9			"
"	1607				2			"
"	1607				1			"
"	1607				2			"
"	1608				6			"
"	1609				1			low
"	1610				4			low

Date	Time	Lat	Long	Miles from land	# birds	Size of flock	Other species	Sooty terns
								Remarks
11 March	1611				4			low
"	1611				3			low
"	1612				1			"
"	1612				1			
"	1613				4			
"	1614				1			
"	1616				1			
"	1617				1			
"	1619				1			S low
"	1619				1			N low
"	1621				2			SE "
"	1626				2			S "
"	1630				3			NE "
"	1630				1			NW "
"	1631				3			SE low
11 March	1641				2			NE "
"	1645				2			N "
"	1651				7			N "
"	1652				3			SE "
"	1652				2			SW "
"	1656				12			feeding
"	1700				2			NE low
"	1702				40±			NE 50'
"	1702				10±			SW low
"	1705				2			NE "
"	1713				50±			feeding
"	1715				3			NW 25'
"	1723				2			" low
"	1728				3			NE "

Date	Time	Lat	Long	Miles from land	# birds	Size of flocks	6711+8 Spruces	Sooty terns
11 March	1730				2			NE low
"	1731				1			NE "
"	1734				2			"
"	1735				11			NE low
"	1737				3			" "
"	1745				3			SE low
"	1749				19			SW-NW, 10-50'
"	1757				2			N low
"	1759				2			NW 50'
"	1804				1			NE 40'
"	1809				1			" 20'
"	1812				2			" low
"	1816				3			" 30'
"	1822				24			feeding
11 March	Sooty terns present all evening around ship to at least 0300 in the morning.							
Totals					380			
12 March	0658				2			SE low
	0720				1			N "
	1238				5			NW 5-50'
	1437				5			S 10-20'
	1840							Released 4th group of terns
Totals					13			
13 March	1047				1			SW 50'
	1644				2			E 25'
Totals					3			
14 March	0635				4			E low
"	"				1			" "
"	"				1			" "
"	"				2			" "
"	"				9			" "

Date	Time	Lat	Long	Miles from land	# birds	Size of flock	Other species	Sooty terns Remarks
14 March	0645				27			E low
"	0646				13			" "
"	0647				7			" "
"	0650				12			collected one
"	0653				5			" "
"	0658				24			
"	0659				5			E low One Red tag
"	0700				5			
"	0703				10			E low
"	0705				7			E low
"	0708				18			E low
"	0712				34			SE 50'
"	0713				14			One Red tag " 50'
"	0719				9			NNE 50' 1 Red tag
14 March	0719				3			N/E 50'
"	0720				4			NE 20-50'
"	0720				2			SE 20-50'
"	0723				9			E low
"	0724				5			E low
"	0725				4			NNE low
"	0725				3			SE "
"	0728				3			E "
"	0730				2			E "
"	0732				6			" "
"	0735				1			N "
"	0736				10			N " 3 Red tags
"	0746				3			N low
"	0751				8			E low 2 Red tags
14 March	0755				2			N low

Date	Time	Lat	Long	Miles from land	# birds	Size of flocks	other species	Sooty terns
								Remarks
14 March	0815				1			N low
"	0822				1			N "
"	0837				2			N 1R ed to g SE 50'
"	1000				2			ENE 10-30'
"	1016				7			S low
"	1020				1			low
"	1020				1			S low
"	1031				1			15-30'
"	1035				1			N low
"	1055				1			E low
"	1137				6			N 20-30'
"	1201				2			ENE 5"
"	1223				2			SW 3-400'
"	1235				2			W 3-400'
"	1237				170±20	178	7 Red-footed Boobies 1 Frigate feeding	
"	1309				1			W low Collect
"	1315				3			S 50'
"	1356				3			W 5'
Totals					476			
5 March	0840				8			NE low
"	0940				2			SW 20-80'
"	1310				100±20		1 Frigate 2 Boobies	2 collected feeding
"	1325				1			
Totals					111±			
2 April	1136				1			20-30'
	1246				1			NW 50'
	1400				1			SE
	1612				2			SW 20-30'
	1615				6			20-30'

Date	Time	Lat	Long	Miles from land	# birds	Size of flock	Other species	Sooty tern	Remarks
2 April	1624				12±3				low
	1703				3				N low
	1705				3				N low
	1708				2				N low
	1712				1				NE
	1731				1				E 30-50'
	1827				1				NE 50'
	1835				4				N 55-60'
	1851				4				N low
Totals					41				
3 April	0658				1				SE 10-20'
"	0709				2				S 10-30'
"	0711				1				SE
"	0729				1				SE
"	0738				65±5				4 Wedgetails, 8± Fairy terns 6 Sooty Shearwater feeding Collected 1 Sooty tern feeding
"	0910				1				N
"	0946				16				5 Fairy feeding (offering) 1 Harlequin storm Petrel
"	1005				1				S low
"	1013				1				SW low
"	1046				3				SE low
"	1050				1				SE low
"	1051				1				" "
"	1119				1				S "
"	1135				1				SE low
"	1231				1				NW low
"	1235				1				SE low
"	1326				80±10	85±			5 Wedgetails feeding
"	1334				1				SE 20'

Date	Time	Lat	Long	Miles from land	# birds	Size of flock	Other species	Sooty terns
3 April	1342				1			SE
"	1349				3			NE 60'
"	1425				1			NE low
"	1432				1			S low
"	1432				1			S low
"	1449				2			SE low
"	1450				1			NE 25'
"	1511				1			SE 25'
"	1522				1			NE low
"	1558				2			W 60'
"	1618				2			W 50'
"	1623				3			
"	1630				1			S low
3 April	1800				6			NE 5-100'
Totals					205			
4 April	0627				2			SW
"	0653				2			S 25'
"	0655				2			NE low
"	0710				2			SW "
"	0821				1			SE 10'
"	0910				4			ESE 10'
"	0955				1			SW 50'
"	1025				2			NW low
"	1040				7			N low
"	1041				2			NW
"	1133				1			N/E 50'
"	1458				2			E 50'
"	1530				1			W 10'
4 April	1533				2			NNW 20-50'

Date	Time	Lat	Long	Miles from land	# birds	Size of flock	Other species	Sooty terns
4 April	1535				3			Remarks SE 75'
"	1536				3			S 40'
"	1640				1			
"	1750				2			E low
"	1817				1			S 30'
Totals					41			
5 April	0624				3			SE 50'
	0651				1			N/E 50'
	0812				3			N/E low
	0823				1			N/E low
	1120				1			E 30'
	1510				2			high
Totals					11			
6 April	0656				2			W low
	0717				2			W N W
	0720				2			NW
	0740				3			SSE 30-50'
	0743				1			SSE collected
	0749				12			SW
	0800				6			NW 30'
	0800				1			NW
	0800				1			NW ^{30'} collected
	0803				1			NW
	0808				75±20			feeding
	0850				10+	13	2 Grey backed terns 1 Dark shrew water (Hymenol)	feeding
	0922				4			NW low
	0924				2			SE 5-25'
	0926				3			SE low
	0927				3			E 50'

								Sooty terns	
Date	Time	Lat	Long	Miles from land	# birds	Size of flock	Other species	Remarks	
April	0928				4			SE 10-20'	
"	0932				8			E 10-75'	
"	0932				2			NE low	
"	0932				2			NE low	
"	1008				2			NW 30-40'	
"	1011				5			SE low	
"	1040				2			NE 30'	
"	1401				2			SE 20-30'	
"	1415				30+10	33±	1 frigate 2 Shearwaters	feeding	
Totals					185±				
April	0803				2			SE 50'	
	0931				2			NE	
	1006				2			NE low	
	1058				2			NE 50'	
	1111				3			⊙ 50'	
	1228				9			SW	
	1351				3			NE	
Totals					23				
April	0620				1			E 10'	
	1455				1			NW 10-20'	
	1602				2			W 50'	
	1700				4			W 50'	
Totals					8				
April	0930				3			5-40', 1 New Red tag 206± mi 220' from Johnson Atol	
	1030				1			NE 50'	
	1440				1			NW low	
	1044				2			" "	
	1214				8			NE low	
	1254				1			NE "	

Date	Time	Lat	Long	Miles from land	# birds	Size of flock	Other species	Remarks
7 April	1830				3			NE 30'
Totals					19			
8 April	0735				3			NE 30'
	0802				1			NE
	0907				2			SE 100'
	1020				1			NW 5-75'
	1400				8			NE to 50'
Totals					15			
11 April	0745				9			feeding N 0-200'
	0825				16±2			W 0-30' feeding
	0848				1			10'
	0925				1			NE 10-20'
	1037				2			50'
	1423				3			SW
	1431				4			NE One collected with Red-Orange tag
	1444				1			NE
	1447				1			W
	1751				19		1 fairy 1 Harcourt Storm Petrel	feeding → NE, 1 Red tag
					57			
12 April	0950				2			NE 40'
	1150				33±2	34	1 fairy	feeding
Totals					35			
13 April	0658				2			1 collected
	0915				2			SE 50'
	0918				1			SE low
	0950				43		4 wedgetail	feeding No flying fish
	1008				2			SE
	1050				2			E
	1305				1			N low

Date	Time	Lat	Long	Miles off land	# birds	Size of flock	Other species	Sooty terns
								Remarks
13 April	1431				3			W 60'
"	1526				80+10			1 orange tag feeding 3 collected.
"	1715				41±			feeding w/ flying fish.
"	1810				70+5			5 red tags feeding No flying fish.
Totals					247±			
14 April	0630				1			NE low
"	0643				1			NW low
"	0650				1			NW
"	0745				1			NE low
"	0850				1			NW 20-40'
"	0905				1			SW 20-40'
"	1041				2			NW 0-100'
"	1305				1			60'
"	1335				55±5			feeding 4 orange tags.
"	1435				2			E NE 40'
"	1655				2			SW 80'
"	1727				2			SW
"	1732				1			NW low
Totals					71±			
15 April	0745				2			E NE 5-40'
	0751				3			E NE 5-40'
	0943				2			W 100'
	0954				1			E
	0956				2			NE
	1348				2			SE 5-15'
	1525				2			SE
	1526				2			NE
	1552				2			SW
	1635				2			SE 30'

Date	Time	Lat	Long	Miles from land	# birds	Size of flock	Other species	Sooty terns
15 April	1709				2			Remarks SE 30'
Totals					22			
16 April	0710				3			NW 30-50'
	0743				1			SW low
	0752				4			SE low
	0817				1			S low
	0817				1			S low
	0825				3		2 fairy terns, 1 wedge tail shearwater, 1 Bonin Island Petrel, feeding loose collected.	NE 40'
	0845				1			S low
	0930				1			S 5-15'
	0948				1			SW low
	0953				1			NW 30'
	1010				2			NE "
	1025				2			SE low
	1056				1			SE low
	1110				1			SE
April 16	1150				87	93	6 Fairy Terns, No flying fish, 1 grey-backed tern, 1 wedge tail shearwater, 1 Bonin Island Petrel, 1 Red footed booby, feeding small squid regurgitated by some others collected 31 collected	NW
	1245				20±25			
	1345				1			
	1430				45±5			
	1439				1			NW low
	1440				1			NW low
	1440				1			" "
	1453				1			" low
	1458				1			" "
	1508				140±20		2 wedge tail shearwater, 1 Red footed Booby feeding	

Date	Time	Lat	Long	Miles from land	# birds	Size of flock	other species	Sooty terns Remarks
16 April	1542				1			NW low
	1733				1			N low
	1754				3			NW low
	1811				3			NW low
	1835				1			
Totals					511			
4 May	1111				3			SE 20'
	1123				3			SE 10'
	1124				3			SE 10'
	1125				2			SE "
	1131				4		3 Common Noddy	E "
	1132				3			E 10'
	1140				2			E 10'
	1201				1			NE
	1207				1			SE low
	1207				1			SE low
	1215				1			SE low
	1220				1			SE 40'
	1238				2			E low
	1330				4			NW 5-40'
	1440				1			E 5'
	1518				1			NE 30'
	1750				1			E 5'
	1824				1			NE 40'
	1849				3			SW 40'
Totals					38			
5 May	0622				2			NE 20'
"	0656				1			N 30'
"	0659				8		3 Wedge-tail & 1 Newell's Shearwater feeding	

Date	Time	Lat	Long	Miles from land	# birds	Size of flock	Other species	Sooty terns Remarks
5 May	0702				1			N 10W
"	0715				2			2 wedge tail shearwaters, 1 Red footed Booby, NE May have been feeding
"	0719				12			1 wedge tail & 1 Newell's Shearwater, NE 10W this may be part of the above flock
"	0732				2			NW 10W
"	0736				3			NW
"	0738				1			NW 40'
"	0744				2			E 50'
"	0746				1			SE 10'
"	0748				4			NW, 40'
"	0808				1			SE 20'
"	0812				1			W 30'
5 May	0823				4			S 5'
"	0835				Immature 30±2			2 Grey Backed terns, 3 Wedge tailed shearwaters
"	0850				35			3 wedge tail & 1 Christmas Island shearwater, feeding (fish)
"	0910				9		1 Bonin Island Petrel	20-40' NW
"	1004				1			SE 10W
"	1009				4			NE 20'
"	1048				50±5			feeding
"	1138				2			NW 20'
"	1159				2			SE 10W
"	1213				12			SE
"	1222				23		2 wedge tail shearwaters	E, on Edge of Rain Squall.
"	1309				5			NW 10-40'
"	1416				1			SW
"	1417				30±5			5-30' Not feeding
"	1450				13		2 faint wedge tail shearwaters	NE 2 immature Not feeding → NE
"	1628				2			ESE 50'
"	1640				20±5			3 great Frigate feeding at edge of Squall, No flying fish.

Date	Time	Lat	Long	Miles from land	# birds	Size of flock	Other species	Sooty terns
								Remarks
5 May	1732				2			5-20'
	1814				2			NE 30'
Totals					288			
6 May	0630				2			ESE low
"	0646				1			ESE 10' calling
"	0727				14			NE 0' calling 5-75'
"	0813				25±5	28	1 fairy ash-throated	feeding Nally the fish lot of gliding NW low
"	0831				2			NW low
"	0943				15			ENE 40-40'
"	1252				4-5			ENE low
"	1417				4			ESE 75'
"	1658				2			N 35'
"	1731				3			WSW 50'
"	1758				1			NE 20'
Totals					73			
7 May	0720				3			gliding NW 5-20'
"	0728				4			SW 50'
"	0746				1			ESE low
"	0751				2			SE "
"	0754				7			NE "
"	0759				6			low 40'
"	0805				3			S low
"	0807				2			SE low
"	0811				2			SE "
"	0811				2			SE low
"	0813				2			" "
"	0814				1			NW "
"	0815				1			SE "
"	0815				1			ESE "

Date	Time	Lat	Long	Miles from land	# birds	Size of flock	Other species	Sooty terns
								Remarks
7 May	0935				3			SE low
"	0935				3			" "
"	0949				2			NW low
"	0957				2			SE low
"	0958				1			SE low
"	0959				1			" "
"	1002				175±25	?	1 Frigate	5 with red tags, feeding, No flying E.
"	1022				5			NE 30'
"	1024				4			NE "
"	1025				3			"
"	1025				3			"
"	1025				3			"
"	1026				3			" orange tag
7 May	1026				1			NW
"	1027				2			NE 30'
"	1028				20			W 50-60'
"	1030				1			NE 30'
"	1033				6			W low
"	1036				1			ESE 40'
"	1046				12±3			E 5-10'
"	1051				1			N 25'
"	1103				1			NNE
"	1107				4			NE 5-20'
"	1109				6			SW 30'
"	1110				2			SSE 50'
"	1111				2			SW 100'
"	1112				9			W low
"	1113				21			Sorting in circles
"	1114				3			SW 25'

Date	Time	Lat	Long	Miles from land	# birds	Size of flocks	Other species	Sooty terns
								Remarks
7 May	1118				11			NE low
"	1118				3			" 30'
"	1119				1			" low
"	1121				1			E 15'
"	1122				3			collaring 50-75'
"	1124				4			W 30-60'
"	1126				6			"
"	1129				1			NNE 20'
"	1130				3			NE 30'
"	1133				14			SSW 30-50'
"	1136				4			NE 20'
"	1136				2			SE low
"	1137				4			" 40-20'
7 May	1138				1			" 30'
"	1139				11			10-1
"	1143				17			
"	1146				15			one with orange tag
"	1148				8			low
"	1150				2			S
"	1154				4			SE
"	1156				14			SW 35-40'
"	1202				1		Grey Red Tailed Tern	N 5'
"	1207				1			E 5'
"	1207				1			NE 45'
"	1207				1			NW 5'
"	1210				1			SE low
"	1212				1			NE low
"	1212				1			" "
"	1213				2			NNE "

Date	Time	Lat	Long	Wind	Wind Dir	Wind Spd	Other Spd	Sea
7 May	1215				1			From S
"	1217				1			NW 20
"	1217				1			SE 20
"	1225				2			" "
"	1225				1			SE 20
"	1225				1			" "
"	1230				1			SE 20
"	1231				1			SE 20
"	1234				1			SE 20
"	1235				1			SE 20
"	1236				1			" "
"	1237				2			SE 20
7 May	1237				1			" 40
"	1237				1			SE 20
"	1238				1			SE 20
"	1241				3			NW "
"	1251				2			SE 20
"	1251				2			" "
"	1254				1			NW "
"	1254				1			" 20
"	1254				1			" 20
"	1255				1			NW 20
"	1255				2			" 20
"	1256				3			SE 20
"	1257				1			NW 20
"	1258				2			" "
"	1259				1			" "

Date	Time	Lat	Long	Miles from land	# birds	Size of flock	Other species	Sooty terns Remarks
7 May	1300				3			
"	1307				2			SE 40'
"	1312				1			NW 30'
"	1320				20±5			10 Gray-backed terns, 5 Common Noddy terns, feeding, NE
"	1328				2			N 40'
"	1334				1			SE low
"	1338				1		How often food & tern	E (low)
"	1338				1			E low
"	1340				2			S low
"	1341				1			N 40'
"	1343				1			S low
"	1343				5			SE low
"	1347				1			E "
1 May	1355				1			E low
"	1356				1			N 40' feeding
"	1358				50±5			
"	1407				10	11	Harcourt's Storm Petrel	S
"	1410				5			E
"	1412				4			S
"	1419				1			NE
"	1424				2			NE
"	1424				1			SW
"	1425				1			NE
"	1428				1			SE
"	1432				1			E
"	1433				2			E
"	1436				2			
"	1440				1			SW 70'
"	1443				1			N low

Date	time	lat	long	Miles from land	# birds	Size of flock	other species	Sooty terns
								Remarks
7 May	1444				1			N 40'
"	1447				1			NNW 35'
"	1449				1			" 40'
"	1450				2			E low
"	1455				2			N "
"	1501				1			N low
"	1503				2			N "
"	1508				6			E "
"	1507				2			S 30'
"	1513				1			N 30'
"	1516				2			" 50'
"	1517				1			NE 50'
"	1518				1			E low
7 May	1520				2			N low
"	1520				2			S low
"	1523				1			W 40'
"	1524				1			N low
"	1529				2			S "
"	1530				1			SE 35'
"	1532				1			NE 20'
"	1533				3			SE 70'
"	1537				2			S low
"	1538				3			W 40'
"	1538				2			WNW low
"	1547				2			SE 35'
"	1550				2			SW low
"	1555				2			N "
"	1559				2			E "
"	1600				3			" "

Date	Time	Lat	Long	Wind Dir	# Sigs	Size ft. or in.	Other Species	Seeds Dir
7 May	1601				3			E 90
	1602				1			N
	1604				3			E 100
	1607				3			" "
	1610				2			SW 100
	1614				1			SE "
	1617				1			NE "
	1622				1			SE "
	1625				3			SE "
	1628				1			SE 100
	1633				1			NE "
	1642				4			SW 10
	1645							E "
	1648				3			N "
	1652				2			SE "
7 May	1701				1			NE "
	1703				2			O "
	1704				1			E "
	1705				1			N "
	1708				1			N "
	1710				2			N "
	1712				2			N "
	1714				2			SE "
	1717				1			SE "
	1720				1			" "
	1728							NE 90
	1730				3			N "
	1735				1			NE "
	1740				1			E "

Date	Time	Lat	Long	Miles from land	# birds	Size of flock	Other species	Sooty terns
								Remarks
7 May	1750				1			E low
"	1805				2			S
"	1812				2			NE 20'
"	1814				1			E low
"	1816				1			N "
"	1816				1			E "
"	1817				1			NE "
"	1820				1			" 100'
"	1823				1			" 0-100'
"	1824				1			S low
7 May	1825				1			NE low
Totals					8263			
8 May	0631				1			100'
	0648				11			E/NE 60'
	0701				2			NE 40'
	0800				4			SE Low
	0840				1			N "
	0847				2			E low
	1014				1			N 20'
	1130				1			SW to 20'
	1218				14			1 orange tag SE low
	1219				8			NAE low
	1446				55±2		5 wedge tail shearwater 1 Bulwer's Petrel (feeding)	
	1456				3			S 10'
	1754				1			NW 15'
	1828				1002			NE
	2030				1002			?
	2037				1			NE
	2230				5			SW
	2335							

No	Lat	Long	Time	Depth	Wind	Other	Sounding	
							Remarks	
	23 17			0				
5				10				
04	01 17			1				
	00 30			2			NE 1	
	00 57			3			" 1	
	00 52			1				
	01 30			0 5			NE 1	
	01 13			1				
	02 15						Southward moving	
	02 30						Southward moving	
	02 42						to 100' 5 m	
	02 40						100' 5 m	
	02 40						100' 5 m	
	03 00			5			SE 10	
	03 20						SE 10	
	03 40			10 2				
	04 30			10 0				
	04 40			10 0				
	04 40			2 9			NE 10	
	13 47			3			NE 10	
	14 1			3			NE 1	
	14 13			2			NE 1	
	15 52			1			SE 50	50
15				29+				
04	08 32			1			NE 5-50'	
	08 3			1			" 5-50'	
	10 52			1			NE 10 15'	
	11 17			1			NE 10 15'	
	11 2			1			NE 10 15'	
	11 26			4			NE 10 15'	

Date	Time	Lat	Long	Miles from land	# birds	Size of flock	Other species	Sooty terns
								Remarks
21 May	1147			?	2			SE 50'
"	1208				1			NW 10 W
"	1428				300±25	359±	25± Gray backed terns, 36±5 Wedge tailed Shearwater (high Passes) 3 Frigate, 1 Red tailed tropicbird, 4 Sootys with Red toe 2 collected feeding	
"	1721				5			NE to 20'
"	1745				2			S 5'
"	1747				2			" 10'
"	1858				2			N 50'
"	1859				12			NE to 30
"	1900				?			flock
"	1916				?			flock
"	2025				2+			heard
"	2039				1+			4 11 night
"	2113							seen in ship, light
"	2118				1			
"	2125				1+			appear to be moving NE
"	2145				3+			
"	2205				5+			
"	2345				2+			
21 May	2355							
Stals					352			
21 May	0010				2+			
	0044				2			
	0048				1?			
	0050				1			NE
	0147				1			
	0215				2			E or NE
	0235				1			

Date	time	Lat	Long	Miles from land	# birds	Size of flock	Other species	Sooty terns Remarks
11 May	0240				1			
"	0406				1			SW
"	0442				1			
"	0757				2			N low
"	0800				1			N to 50'
"	0900				2			N 30'
"	0915				1			SE
"	1030				2			SE 10'
"	1123				2			SSE 30'
"	1134				1		1 wedge tail shearwater	N 10-15'
"	1146				150±15		4 frigate wedge tail	Mag. have been feeding
"	1605				5			SE 50'
"	1613				1			SE 50'
"	1713				2			NW to 50'
"	1815				50±5		1 frigate	feeding (No fish terns about ship)
11 May	2200				3+			
Totals					235			
12 May	0040				1+			
"	0117				2+			
"	0123				3+			
"	0125				3+			
"	0128				19			
"	0140				2+			
"	0213				5+			
"	0235				1+			
"	0240				2+			
"	0415				3+			
"	0425				4+			
"	0443				2			

heard and seen end morning and night

Date	Time	Lat	Long	Miles from land	# birds	Size of flock	other species	Sooty terns
								Remarks
3 May	0610				2			
"	0638				1			E 40
"	0715				55±1	58	3 wedge-tail shearwaters	No fish
"	1512				3			SE
"	1548				2			S
"	1550				1			ESE
"	1625				75±10	181	5±1 wedge-tail shearwaters, SE if any are feeding	No fish
"	1633				4			S 35'
"	1700				125±10	131	6 wedge-tail shearwaters	
"	1725				7			NE 2-15'
"	1755				150±25			Not feeding S 2-20'
"	1802				3			W 20'
4 May	1805				40±5	47	1 fairy tern, 1 grey petrel, 1 brown	feeding 0-100'
"	1846				6			E 5-15'
"	1857				4			" 30-40'
"	1859				2			SE 5-15'
"	1923				2			ENE 40'
"	1924				2			" 5-10'
"	1935				1			E 40'
"	1940		Sunset					
"	2043				2			
"	2050				1			
"	2125				1			
"	2145				1			
"	2151				1			
"	2205				1			
"	2206				1			
"	2211				3			
"	2215				5+			

Date	Time	Lat	Long	Miles from land	# birds	Size of flock	Other species	Sooty terns Remarks
2 May	2230				2			
"	2233				1			
"	2242				1			
"	2245				2			
2 May	2335				10+			
Totals					543?			
3 May	0015				6+			
"	0335				5+			
"	0341				2+			
"	0355				4+			
"	0405				1			
"	1030				1			E 20'
"	1100				55±5		3 Wedge-tail Shearwater 1 Frigate - feeding	Not flying F.
"	1120				3			N 70-10'
"	1220				3			low
"	1358				2			N 70-10'
"	1705				17			Not feeding E S-50'
Totals					99			
4 May	0202				2+			NW-W
"	0415				2+			
"	0642				1			NE 5-50'
"	0650				2			SE 75'
"	0650				1			NE "
"	0718				2			NW low 30'
"	0720				1			E 75'
"	0935				100±10		10±3 Wedgetail Shearwater 2 Great Frigate + feeding LEF present	
"	1232				2			SE low
"	1301				3			N 70-30'
"	1834				40±2			E low to 150'

Date	Time	Lat	Long	Miles from land	# birds	Size of flock	Other species	Sooty terns
								Remarks
14 May	2038				2			50'
"	2121				1			50'
"	2206				2			
"	2302				2			E 30'
"	2302				2			E 30'
14 May	2400				1			" "
Totals					166			
15 May	0003				2			E 30'
"	0035				2+			E 45-50
"	0130				1			
"	0210				#			
"	0236				2+			E
"	0320				4+			
"	0335				2+			
"	0432				2			SW
"	0447				1			
"	0608				2			S 100'
"	0645				3			SE low
"	0646				40±6		2 wedge tail shearwaters	7 collected Not feeding
"	0755				14			SE low
"	0800				13			1 collected E 40'
"	0802				21			SE 40-100'
"	0830				3			
"	0845				1			W low
"	0850				21			E 5-50
"	0850				15±			@ 5-50
"	0857				65±5		12±2 wedge tail shearwaters 1500's shearwaters @ Red tag birds, wedgetails, Polynesian	Included 21 terns & 1 GBSO Not feeding
"	0915				3			E low

Date	Time	Lat	Long	Wind	Speed	Direction	Remarks
15 Nov	0115			1			W 10-15
	0118			1			W 10-15
	0118			2			W 10-15
	0120						W 10-15
	0130			1			W 10-15
	0132			1			W 10-15
	0140			1			W 10-15
	0142			1			W 10-15
	0150			10			SE 10-15
	0150			6			SE 10-15
	0152			1			SE 10-15
	0153			1			SE 10-15
15 Nov	0155			1			SE 10-15
	0158			1			SE 10-15
	0200			3			SE 10-15
	0202			2			SE 10-15
	0210			1			SE 10-15
	0212			1			SE 10-15
	0214			1			SE 10-15
	0216			1			SE 10-15
	0218			10			SE 10-15
	0219			9			SE 10-15
	0225						SE 10-15
	0235			20			SE 10-15
	0242			5			SE 10-15
	0245			2			SE 10-15
	0248						SE 10-15
	0250			5			SE 10-15

Date	Time	Wind	Remarks
15/11	1125	2	N low
	1131	4	SE low
	1135	5	"
	1138	3	"
	1142	4	
	1145	2	E
	1151	2	SE 40'
	1155	2	SE low
	1203	3	SE low
	1208	10	110 knots gusty 110 mph low - 101 104 knots
	1210	1	Strong gusty low - 102 104 knots
	1230	2	E 40'
12/11	1245	1	E 40'
	1255	2	SE 40-50'
	1300	7	ENE 40-50'
	1301	1	SE
	1305	2	"
	1308	12	E
	1309	3	NE
	1315	175-22	204.5 knots gusty 200 mph 3 1/2 ft seas E 1/2 S 1000 ft in 2000 ft water
	1410	1	S-MV
	1415	2	SE 40'
	1420	2	E 20-30'
	1425	2	NE "
	1430	1	E 40'
	1435	1	SE 40'
	1440	12	low - 102
	1445	1	SE 30'

date	time	Lat	Long	Miles from land	# birds	Size of flock	other species	Sooty terns
								Remarks
15 May	1457				1			N low
"	1510				6			" "
"	1518				4			NE "
"	1516				3			SE "
"	1521				1			" "
"	1521				1			" "
"	1521				1			" "
"	1524				4			SE low
"	1527				5			" "
"	1532				2			SE low
"	1545				3			N 50'
"	1550				5			SE low
"	1600				1			- high
15 May	1600				3			NE 70'
"	1603				1			orange tag NNE 60'
"	1603				6			- 150'
"	1606				3			SW 40'
"	1612				3			SE 70'
"	1620				1			" low
"	1626				1			SE 35'
"	1634				1			S low
"	1636				3			orange tag SE 70'
"	1636				1			" low
"	1641				3			NE "
"	1645				1			S 50'
"	1652				1			W "
"	1654				2			NE 20'
"	1657				1			SE "
"	1705				1			NE low

date	time	Lat	Long	Miles from land	# birds	Size of flock	other species	Seabirds terns	Remarks
15 May	1723				1			SW	
"	1735				1			"	
"	1758				4			" low-30'	
"	1758				4			N low	
"	1809				8			NE low	
"	1845				5			SW 40'	
"	1846				14			NE low	
"	1850				6			NE low	
15 May	1934				8			"	
Totals					877				
16 May	0845				3			S 30'	
	0845				2			W "	
	0900				1			SW 20'	
Totals					6				
17 May	0750				100 to 105±		SW wedge tails	at least 5 immatures feeding - large flocking	
"	0903				1			NE	
"	0912				2			E 30'	
"	0935				2				
"	0939				1			SW 20'	
"	0946				1			N "	
"	1030				1			NW	
"	1115				125±10	133	3 fair terns 4± SW wedge tail shearwaters 1 Newell shearwater	No + feeding	
"	1126				2			S	
"	1128				3			"	
"	1143				2			NW 50'	
"	1154				2			N 20'	
"	1236				1			SE low	
"	1454				2			W low	
"	1505				2			S 50'	

Date	Time	Lat	Long	Miles from land	# birds	Size of flock	Other species	Sooty terns Remarks
17 May	1507				1			
"	1510				1			SF 50'
"	1524				24		1 wedge tail shearwater	Feeding ENE No fish
"	1625				3			S 15-30'
"	1649				2			WSW 40'
"	1834				1			S 40'
Totals					279			
18 May	0724				2			S 50'
	0746				7	13	5 wedge tail shearwater 1 Newell's shearwater 100 10000	
	0845				20		2 Common noddies, 15 wedge tail shearwaters, 1 Bulwer's Petrel feeding, No flying fish, Big fish jumping	
	0914				3		2 wedge tail shearwaters, 1 Newell's shearwater, Not feeding	
	0934				25	38±	8 wedge tail shearwaters, 5 flying terns, 5 Common noddies, 1 Newell's shearwater feeding	
	0954				1			NW 100'
	1020				1			NW "
	1044				12		3 wedge shearwater	Not feeding
Totals					71			

10257 Approximate total Not including
December

